978 264 9119

Serial No.: 09/438516

Attorney Docket No: 120-219

RECEIVED **CENTRAL FAX CENTER** DEC 2 0 2004

## CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at number (703) 872-9306

David A. Dagg, Reg. No. 37,809

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Transmittal x 2

2 pages

Part B Fee Transmittal x 2 2 pages

Fee Address Indication Form 1 page

4 sheets of formal drawings 4 pages

Total including this sheet

10 <u>pages</u>

PTO/SB/21 (08-00) + Please type a plus sign (+) inside this box Approved for use through 10/31/2002, OMB 0651-0031 U.S. Petern and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid CMB control number. 09/438.516 Application Number TRANSMITTAL November 12, 1999 Filing Date FORM Roberts (to be used for all correspondence after initial fling) First Named Inventor 2664 Group Art Unit Jones Examiner Name 10799ROUS01U 120-219 Attorney Docket Number Total Number of Pages in This Submission ENCLOSURES (check all that apply) After Allowance Communication Assignment Papers to Group Fee Transmittal Form (for an Application) Appeal Communication to Board of Appeals and Interferences X Drawing(s) Fee Attached Appeal Communication to Group Licensing-related Papers (Appeal Notice, Brief, Reply Brief) **Amendment** Proprietary Information Petition After Final Petition to Convert to a Provisional Application Status Letter Affidavits/declaration(s) Other Enclosure(s) (please Associate Power of Attorney; Change of Correspondence Address identify below): Extension of Time Request Part B - Fee Transmittal (Issue fee) Express Abandonment Request Terminal Disclaimer Fee Address Indication form Information Disclosure Request for Refund Statement CD, Number of CD(s) Certified Copy of Priority Document(s) Please charge any deficiency or credit any overpayment to Deposit Remarks Response to Missing Parts/ Account No. 502569. Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm David A. Dagg, Reg. No. 37,809 Steubing McGuinness & Manaras LLP Individual name Signature Z004 6 Date CERTIFICATE OF MAILING OR FACSIMILE I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 33212 or being facsimile transmitted to the United States Patent and Trademark Office at number (703) 872-9306 or 703 872-9314 on this date: Mahoneu Type or printed name Date Signature

PTO/SB/21 (08-00) + Please type a plus sign (+) inside this box Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 09/438.516 Application Number TRANSMITTAL November 12, 1999 Filing Date FORM (to be used for all correspondence after initial filing) Roberts First Named Inventor 2664 Group Art Unit Jones Examiner Name 10799ROUS01U 120-219 Attorney Docket Number Total Number of Pages in This Submission ENCLOSURES (check all that apply) After Allowance Communication **Assignment Papers** Fee Transmittal Form to Group (for an Application) Appeal Communication to Board of Appeals and Interferences Drawing(s) Fee Attached Appeal Communication to Group Licensing-related Papers (Appeal Notice, Brief, Reply Brief) Amendment Proprietary Information Petition After Final Petition to Convert to a Status Letter Affidavits/declaration(s) Provisional Application Other Enclosure(s) (please Associate Power of Attorney, Change of Correspondence identify below): **Extension of Time Request** Address Part B - Fee Transmittal (Issue fee) Express Abandonment Request Terminal Disclaimer Fee Address Indication form Information Disclosure Request for Refund Statement Certified Copy of Priority CD, Number of CD(s) Document(s) Please charge any deficiency or credit any overpayment to Deposit Account No. 502569. Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm David A. Dagg, Reg. No. 37,809 Steubing McGuinness & Manaras LLP Individual name Signature Date 6 Lo CERTIFICATE OF MAILING OR FACSIMILE I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 33212 or being facsimile transmitted to the United States Patent and Trademark Office at number (703) 872-9306 or 703 872-9314 on this date: Mahone Type or printed name Date Signature

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

			or <u>Fax</u>	(703) 746-4000		
NSTRUCTIONS: This form	should be used for trans- spondence including the Po- low or directed otherwise i	nitting the ISSUE	FEE and PUBLICATION (penifying a new co	ATION FEE (if require of maintenance fees will trespondence address;	cd). Blocks 1 through 5 shill be mailed to the current of and/or (b) indicating a separate	ould be completed where correspondence address as rate "FEE ADDRESS" for
maintenance fee notifications CARRENT CORRESPONDENCE	Note: A cartificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.					
34845 759						mission
STEUBING AND 125 NAGOG PARK ACTON, MA 01720	MCGUINESS & M	ANARAS LLI	r	I hereby certify that this States Postal Service w addressed to the Mail transfilited to the USPI	is Fec(s) Transmittal is being ith sufficient postage for fire Stop ISSUE FEE address O (703) 746-4000, on the d	mission deposited with the United st class mail in an envelope above, or being facsimile late indicated below.
,				Carol An	n Mahoner	(Depositor's name)
				TYVa	hines -	(Signature)
				1/2	120/01	(Date)
		·	THE NAME OF THE PARTY OF THE PA	TOP	ATTORNEY DOCKET NO.	CONFIRMATION NO.
APPLICATION NO.	FILING DATE	F1	RST NAMED INVEN	·	10799ROU\$01U	9470
09/438,516	11/12/1999		KIM B. ROBERT	RTS 10777ROC3010		
TITLE OF INVENTION: TI	RANSPARENT PORT FOR	HIGH RATE NET	WORKING			
APPLN, TYPÉ	SMALL ENTITY	ISSUE FE	E P	UBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
ponprovisional	NO	\$1370		\$0	\$1370 01/07/2005	
EXAM	INER	ART UNI	T C	LASS-SUBCLASS		
JONES, P	RENELL P	2667		3,70-465000		
CFR 1.363).  Change of correspon. Address form PTO/SB/1	e address or indication of "F dence address (or Change of 22) attached, tion (or "Fee Address" Indic or more recent) auached. Us	Correspondence	2. For printing on the patent front page, list  (1) the names of up to 3 registered patent attorneys or agents OR, alternatively.  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered attorney or agents. If no name is listed, no name will be printed.			
	RESIDENCE DATA TO	BE PRINTED ON T	THE PATENT (print	t or type)		de annual has been filed for
PLEASE NOTE: Unles	s an assignee is identified to in 37 CFR 3.11. Completion	elow, no assignee of this form is NOT	dam will appear on I a substitute for fili	ng an assignment.	nce is identified below, the	accument has occur med to
3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (united type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filled for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)						
(A) NAME OF ASSIGNEE  Norte Networks Limited  Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Gove						<del></del>
Diego check the sputteris	re assigned category of categ	ories (will not be pr	inted on the patent)	: Individual	Corporation or other private	group entity U Governmen
4a. The following fec(s) ar	e enclosed:	+1t	b. Payment of Pec(3):			
issue Fee			A check in the amount of the fec(s) is enclosed.			
Publication Fcc (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached.  Playment by credit card. Form PTO-2038 is attached.  Playment by credit card. Form PTO-2038 is attached.			
Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).			
	ss (from status indicated abo SMALL ENTITY status. Se		☐ b. Applicant is	no longer claiming SM.	ALL ENTITY status. See 37	CFR 1.27(g)(2).
The Director of the USPT NOTE: The Issue Fee and	O is requested to apply the It Publication Fee (if required	sue Fee and Publica will not be accepte them and Tradsmark	ation Fee (if any) or d from anyone other c Office.	to re-upply any previou r than the applicant; a re	sly paid issue fee to the app gistered attorney or agent; o	lication identified above.  r the assignee or other party i
	MALLA DILLA	C. Da	\	Date D	ember 16	2004
Authorized Signature David A Dac			39	Registration		9
This collection of informs	tion is required by 37 CFR	.311. The informati	ion is required to ob	tain or retain a benefit b	y the public which is to file	and by the USPTO to proces

Ims collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burder, should be sent to the Chief information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

978 264 9119

	Alexandria, Virginia 22313-1450 or <u>Fax</u> (703) 746-4000							
Manuerance les montrenon			FEE and Fers and notif	UBLICATION FEE (if re- ication of maintenance fees new correspondence addre	quired). Blocks I through 5 s will be mailed to the current ss; and/or (b) indicating a sep			
CURRENT CORRESPONDENCE ADDRESS (Note: Use Stock 1 for any change of address)				Fee(s) Transmittal.	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
	90 10/07/2004		ъ					
STEUBING AND MCGUINESS & MANARAS LLP 125 NAGOG PARK ACTON, MA 01720				I hereby certify that States Postal Servic addressed to the N transmitted to the U	Certificate of Mailing or Tran this Fec(s) Transmittal is bein be with sufficient postage for fi fail Stop ISSUE FEE addres ISPTO (703) 746-4000, on the	and deposited with the United rst class mail in an envelope above, or being facsimile date indicated below.		
				(200) A	mn Mahane			
·					alimen	(Signature)		
	•			/	0/20/01	(Date)		
APPLICATION NO.	FILING DATE		FIRST NAMEI	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
		<u></u>			10799ROUS01U	9470		
•	09/438,516 11/12/1999 KIM B. ROBERTS 10799ROUS01U 9470 TITLE OF INVENTION: TRANSPARENT PORT FOR HIGH RATE NETWORKING							
		ISSUE FI		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE		
APPLN. TYPE	NO SMALL ENTITY	\$1370		SO	\$1370	01/07/2005		
nonprovisional		ART UN		CLASS-SUBCLASS	<del>- 1</del>			
	MINER	2667						
	RENELL P			ting on the patent front page	12	·		
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address (or Change of Correspondence Address (or Change of Correspondence Address of PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of up to 3 registered patent atomeys or agents OR, alternatively.  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.					
PLEASE NOTE: Unles recordation as set forth i	nee Vortel Net	elow, no assignee of this form is NO (E	data will app T a substitute B) RESIDENG	tear on the patent. If an as for filing an assignment.  CE: (CITY and STATE OR	Can	ada		
Please check the appropriate	e assignee category or category	ories (will not be pr	rinted on the	patent): 🔲 Individual 🤄	Corporation or other private	group entity Government		
- 4a. 100 Dynaming 100(a) and american				b, Payment of Foc(s):				
Issue Fcc			A check in the amount of the fee(s) is enclosed.  Payment by credit card. Form PTO-2038 is attached.					
Publication Fee (No small entity discount permitted)  Advance Order - # of Copies			Deposit Account Number 505 (or centre) authorized by charge the required fects), or credit any overpayment, to Deposit Account Number 505 (or centre).					
5. Change in Entity Status (from status indicated above)  1. A applicant claims SMALL ENTITY status. See 37 CFR 1.27.  1. A policant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).								
The Director of the USPTO NOTE: The Issue Fee and interest as shown by the re-	is requested to apply the Is- Publication Fee (if required) cords of the United States Pa	sur Fee and Publica will not be accepte tent and Trademan	ntion Fee (if a d from anyon c Office.	ny) or to re-apply any previ ie other than the applicant; i	iously paid issue fee to the appl a registered attorney or agent; o	ication identified above. r the assignee or other party in		
Authorized Signature	David 1	C. Dag	19	_ Date	prember (6)	<u> 7004</u> 9		
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, an authiniting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.C. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FIES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, Virginia 22313-1450.  Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.								

PTOL-85 (Rev. 09/04) Approved for use through 04/30/2007.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/47 (03-02)
Approved for use through 12/31/2002. CMB 0651-0016
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid CMB control

"FEE ADDRESS" INDICATION FORM						
Address to: Commissioner for Patents Box M Correspondence P.O. Box 1450, Alexandria, VA 22313-1450						
INSTRUCTIONS: Only an address associated with a Customer Number can be established as the fee address for maintenance fee purposes (hereafter, fee address). A fee address should be specified when the patentee would like correspondence related to maintenance fees to be mailed to a different address than the correspondence address for the application. If there is a Customer Number already associated with the fee address for the patent allowed application, check the first box below and provide the Customer Number in the space provided. If there is no Customer Number associated with the fee address for the patent allowed application, you must check the second box below and attach a Request for Customer Number form (PTO/SB/125). For more information on Customer Numbers, see the Manual of Patent Examining Procedure (MPEP) ≥ 403.						
Please recognize as the "Fee Address" under the provisions of 37 CFR 1.363 the address associated with the following customer number:    X   Customer Number   Q00626   Place Customer Number Bar   Code Label here   OR						
Request for Customer Number (PTO/SB/125) attached hereto						
in the following listed application(s) for which the Issue PATENT NUMBER (if known)	APPLICATION NUMBER					
(check one)  Applicant/Inventor	David G. G. Signature					
X Attorney or Agent of Record (Reg. No.)	David A. Dagg, Reg. No. 37809  Typed or printed name					
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)	978-264-6664 Requester's telephone number					
Assignment recorded at ReelFrame _	Date					
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more that one signature is required, see below?.						
Total offorms are submitted.						
Burden hour Statement: This collection of information is required by 37 CFR 1.363. This information is used by the public to submit (and by the						

USPTO to process) payment of patent maintenance fees. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.1.4. This collection is estimated USPTO to process) payment of patent maintenance fees. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.1.4. This collection is estimated to be been to proceed to process. Time will vary depending to be been to employ suggestions for reducing this burden should on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistent Commissioner for Patents, Washington, DC 20231.